

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047093.D
 Acq On : 23 Jul 2025 15:52
 Operator : JC/MD
 Sample : Q2481-21 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-SFBL

Quant Time: Jul 24 05:53:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

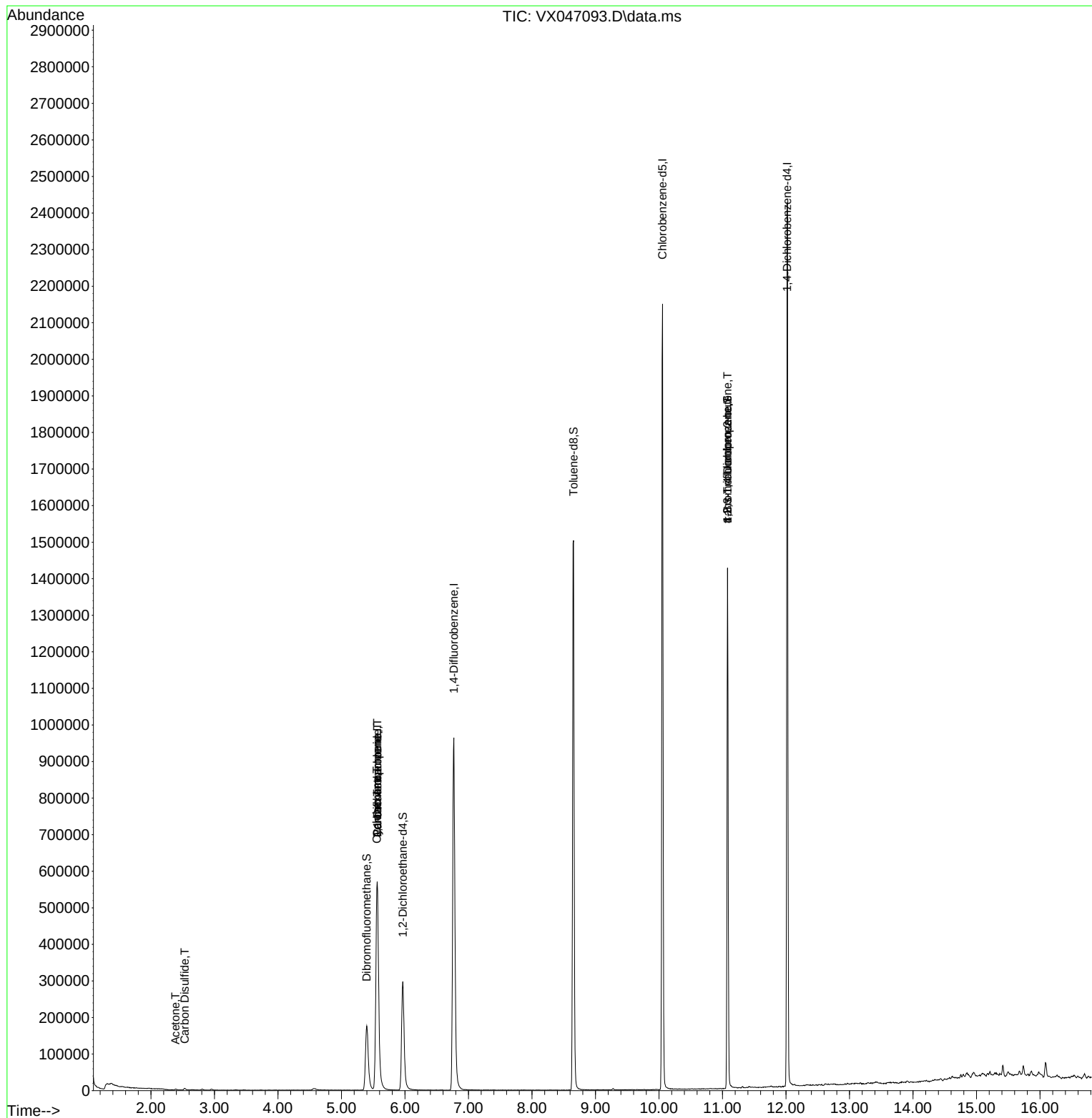
Internal Standards						
1) Pentafluorobenzene	5.562	168	569987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	1016163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	950681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	469816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	313031	44.087	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.180%
35) Dibromofluoromethane	5.397	113	171871	27.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	54.780%#
50) Toluene-d8	8.653	98	930232	45.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.560%#
62) 4-Bromofluorobenzene	11.079	95	378663	43.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	263	Below Cal	#	72
16) Acetone	2.386	43	3180	1.118	ug/l #	89
17) Carbon Disulfide	2.532	76	6317	0.305	ug/l	98
31) Cyclohexane	5.556	56	13206	0.995	ug/l #	9
36) 1,1-Dichloropropene	5.562	75	48385	4.524	ug/l #	50
38) Carbon Tetrachloride	5.562	117	59967	5.253	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	199405	22.930	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	199405	59.078	ug/l #	8

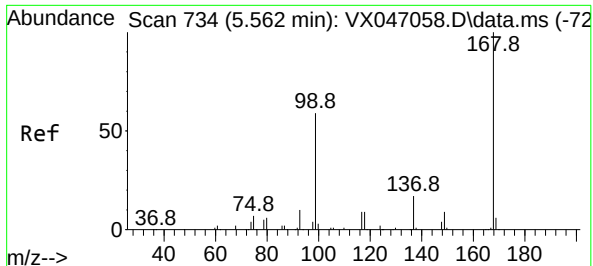
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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CC0627-SFBL

Quant Time: Jul 24 05:53:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

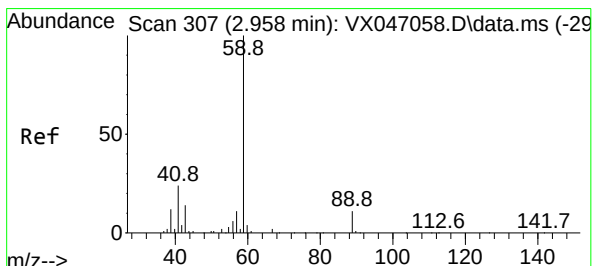
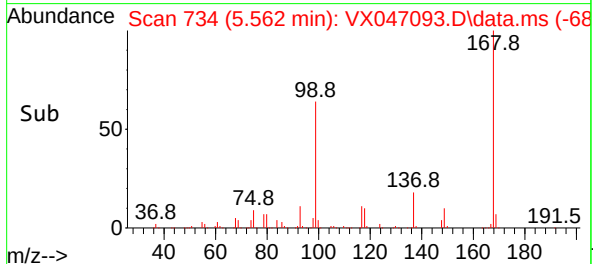
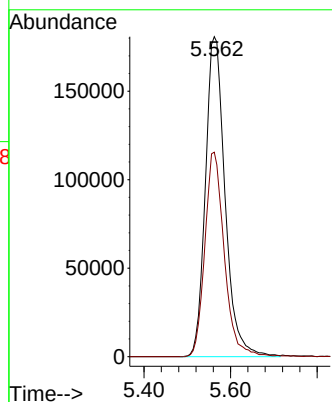
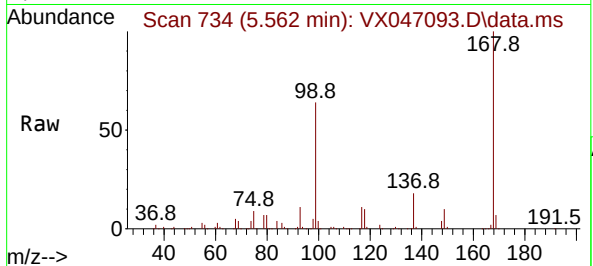




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

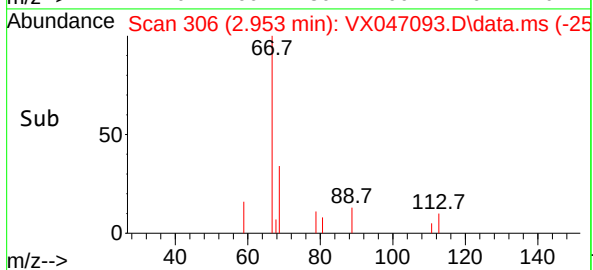
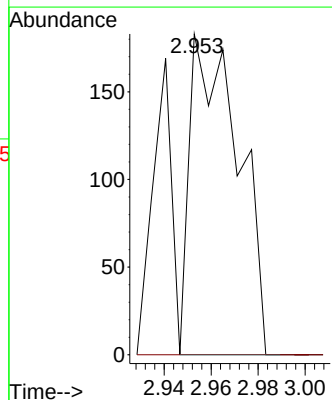
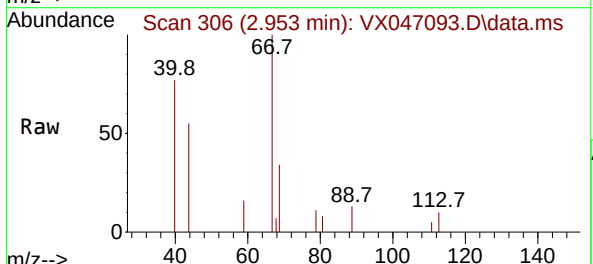
Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

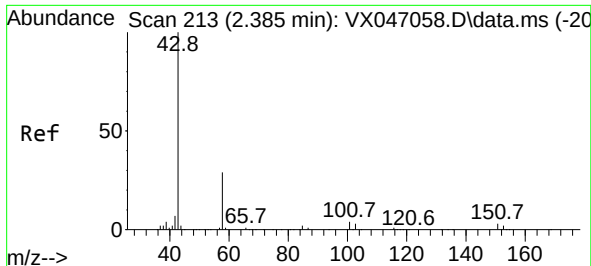
Tgt Ion:168 Resp: 569987
Ion Ratio Lower Upper
168 100
99 63.9 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

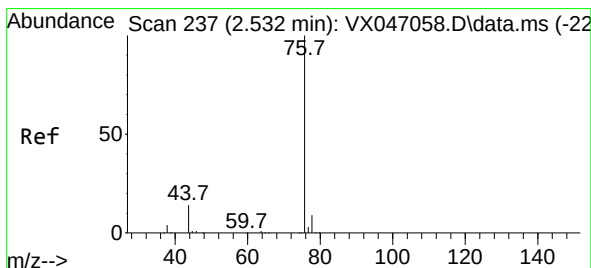
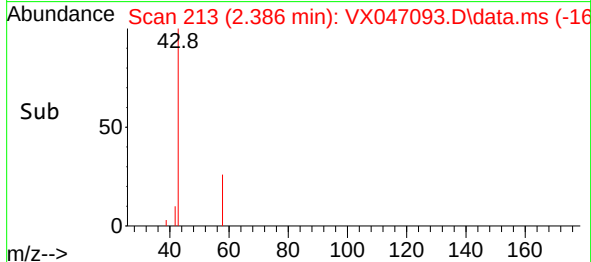
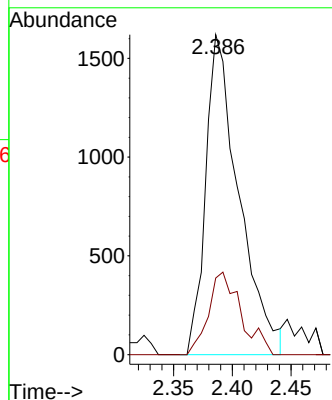
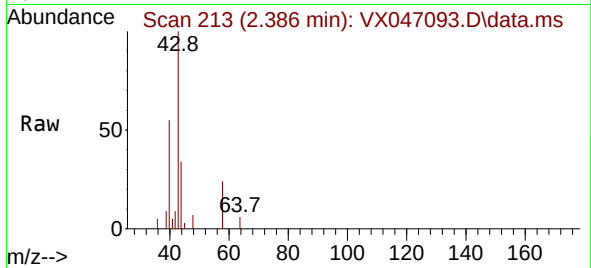




#16
Acetone
Concen: 1.118 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

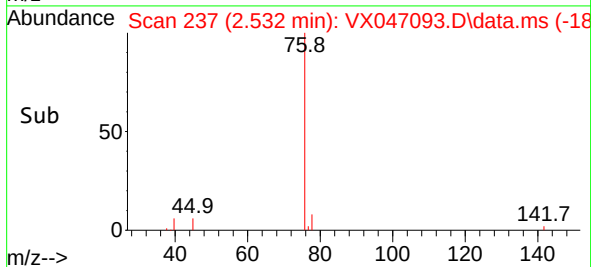
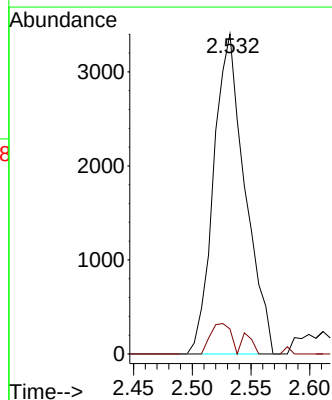
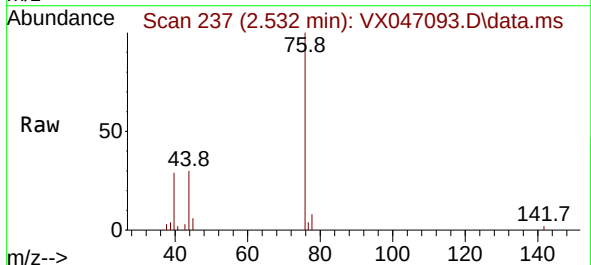
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MSVOA_X
ClientSampleId :
CC0627-SFBL

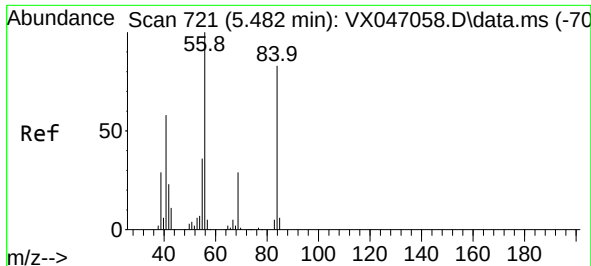
Tgt Ion: 43 Resp: 3180
Ion Ratio Lower Upper
43 100
58 24.0 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.305 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion: 76 Resp: 6317
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.4

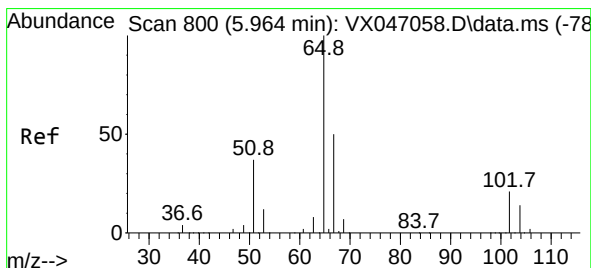
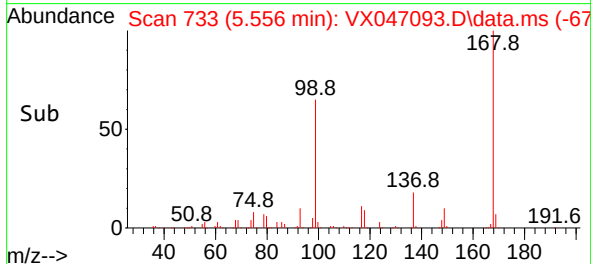
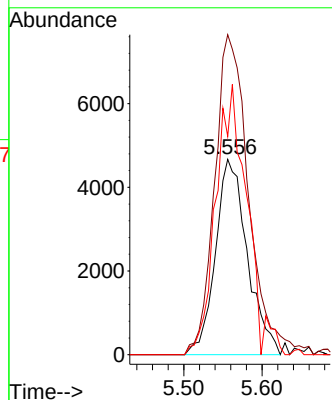
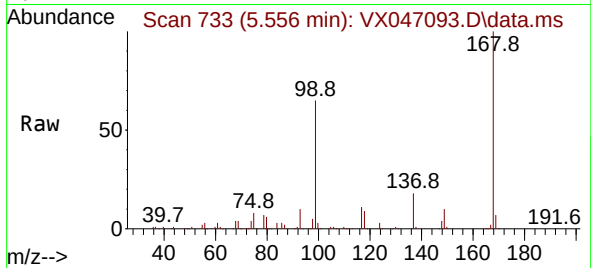




#31
Cyclohexane
Concen: 0.995 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

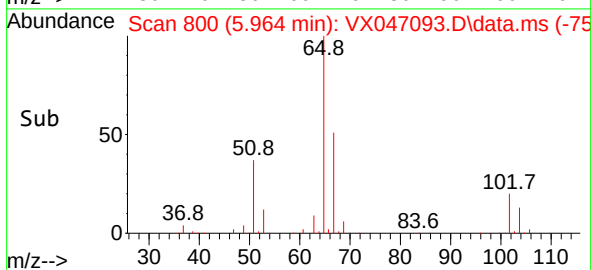
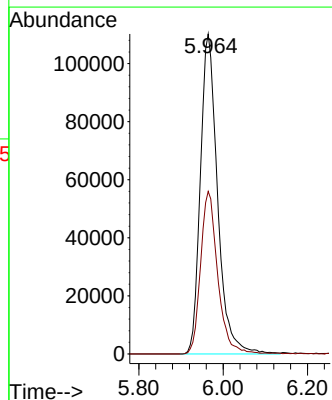
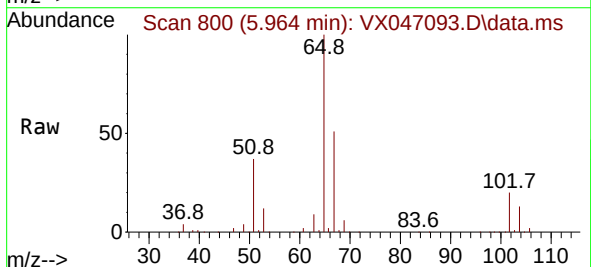
Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

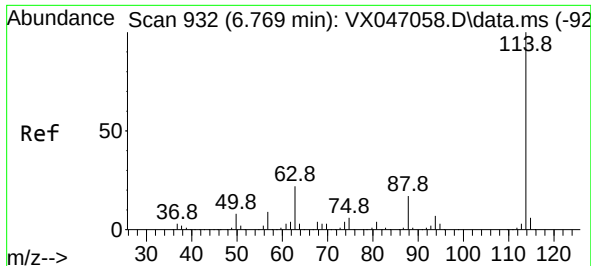
Tgt Ion: 56 Resp: 13206
Ion Ratio Lower Upper
56 100
69 168.9 23.3 34.9#
84 111.7 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 44.087 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion: 65 Resp: 313031
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.8

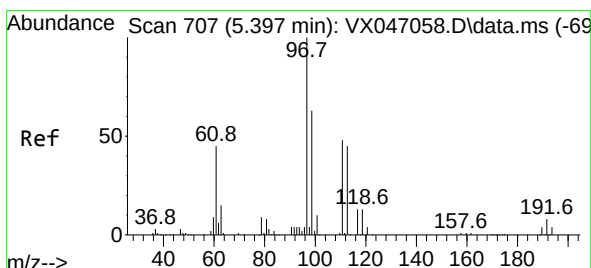
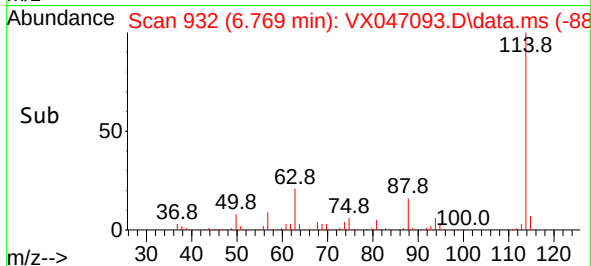
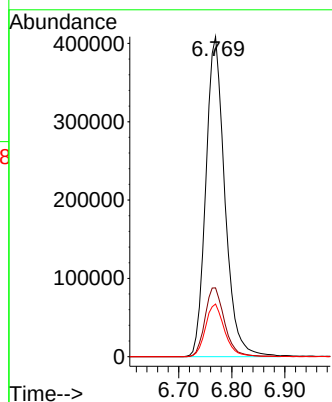
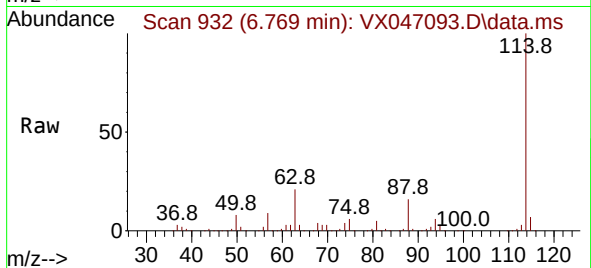




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 913
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

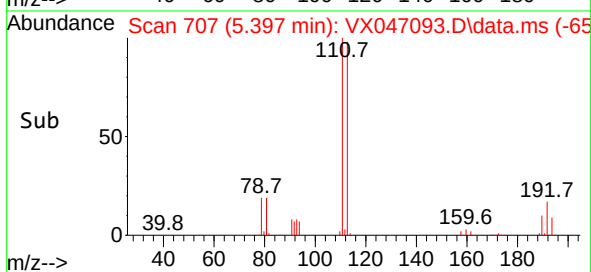
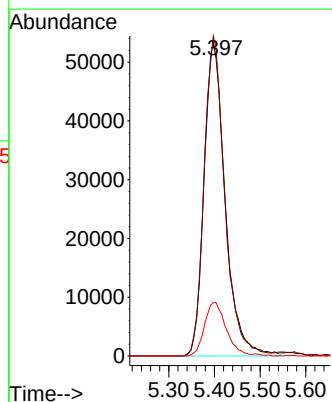
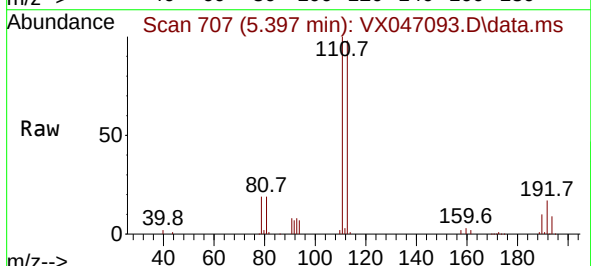
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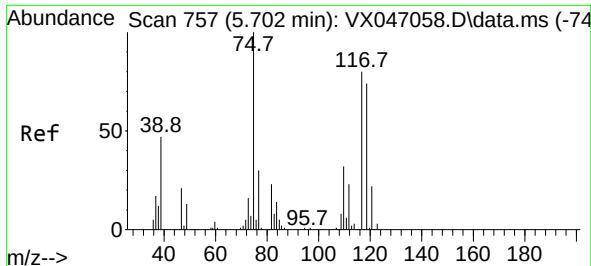
Tgt Ion:114 Resp: 1016163
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 27.394 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion:113 Resp: 171871
Ion Ratio Lower Upper
113 100
111 100.0 82.6 124.0
192 17.5 14.9 22.3

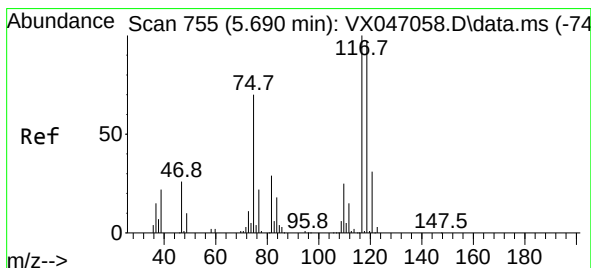
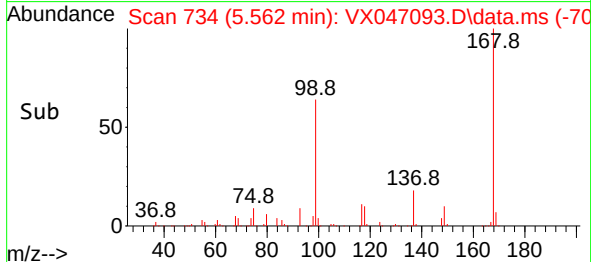
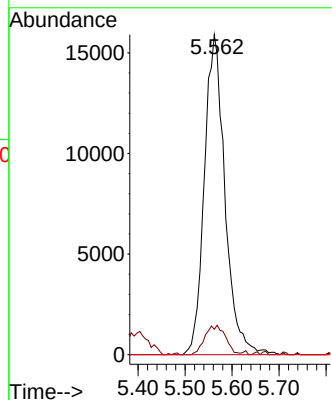
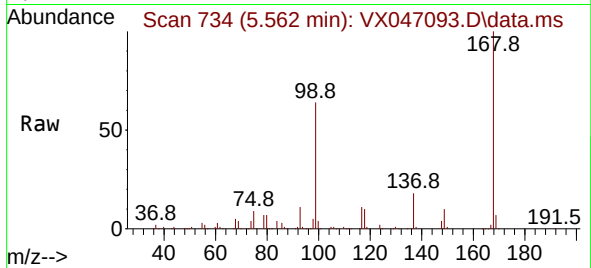




#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

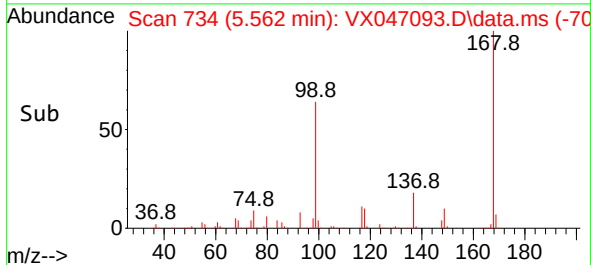
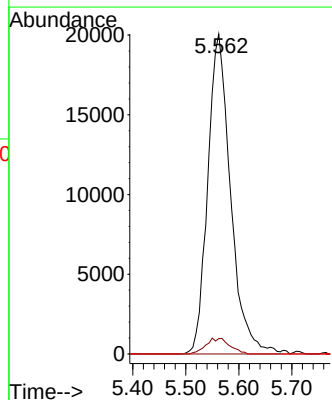
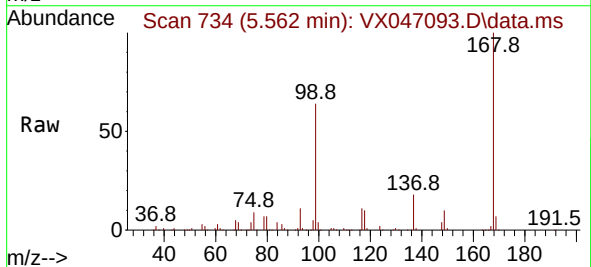
Instrument :
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ClientSampleId :
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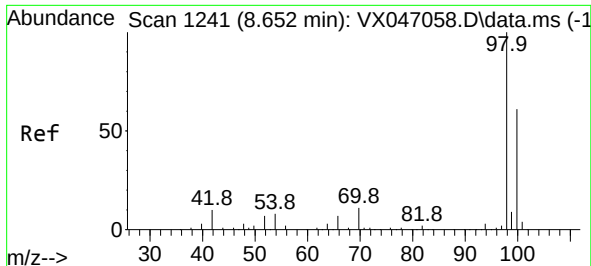
Tgt Ion: 75 Resp: 48385
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion: 117 Resp: 59967
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 24.4 36.6#

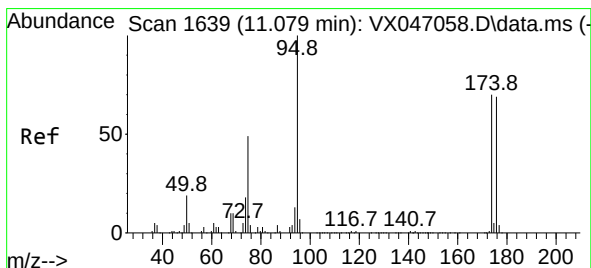
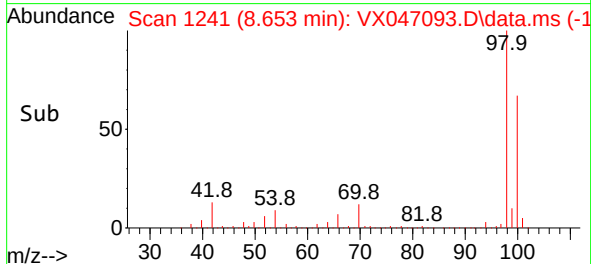
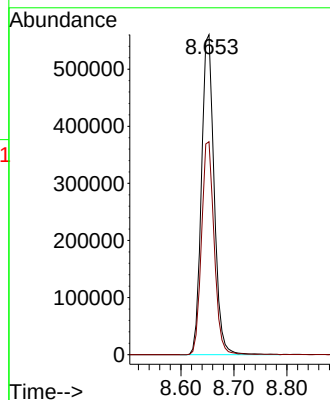
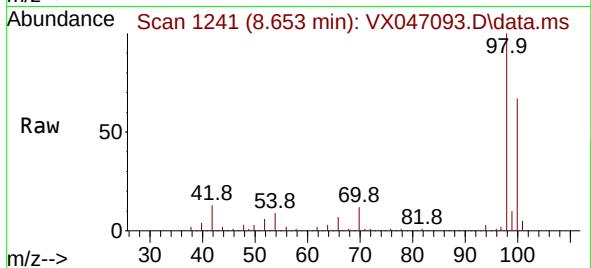




#50
Toluene-d8
Concen: 45.782 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

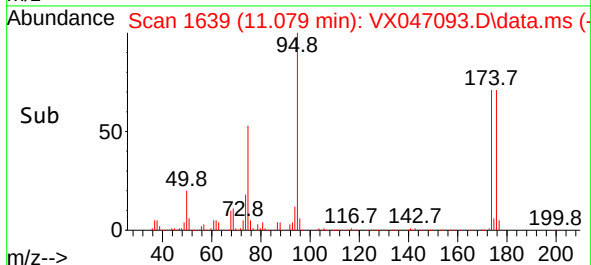
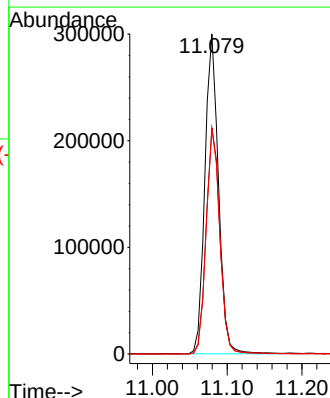
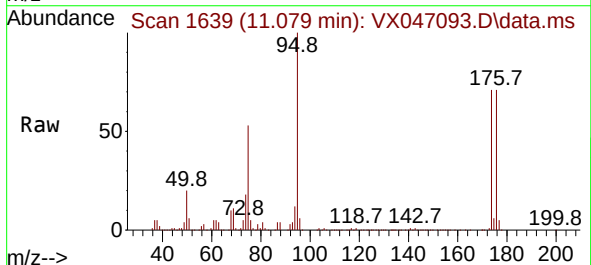
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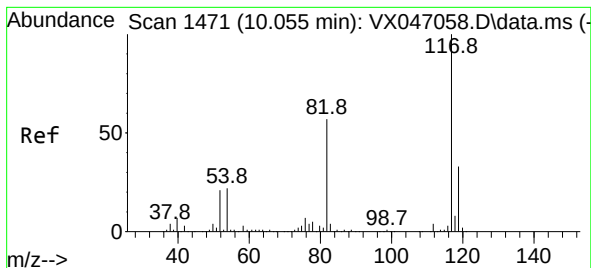
Tgt Ion: 98 Resp: 930232
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion: 95 Resp: 378663
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.6
176 70.6 0.0 139.6

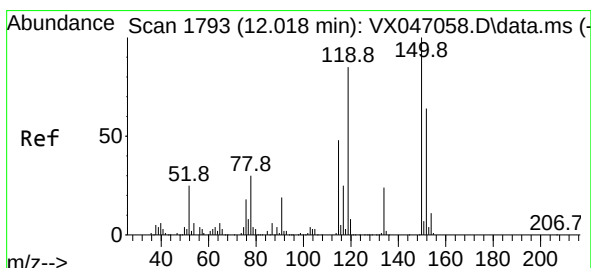
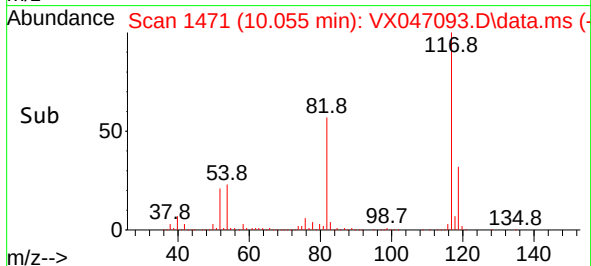
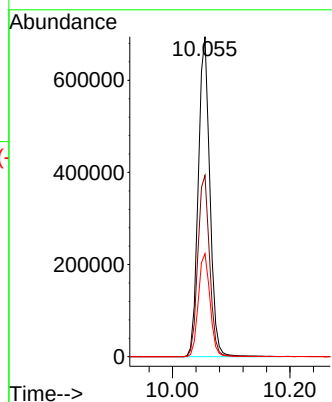
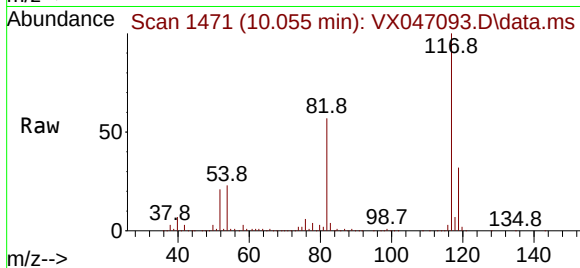




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

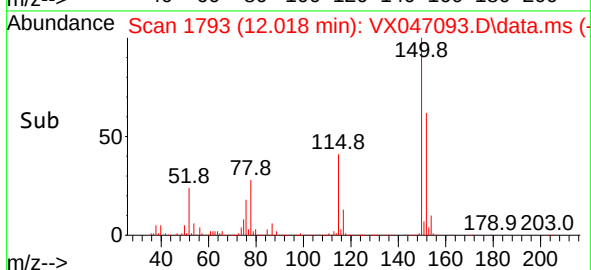
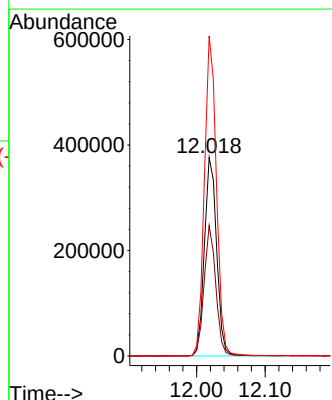
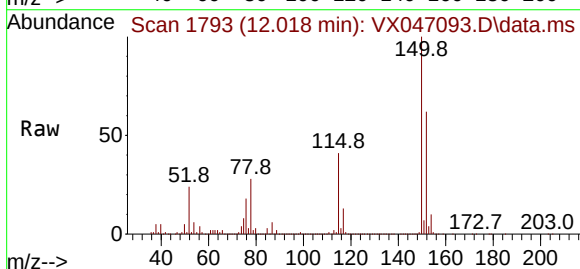
Instrument :
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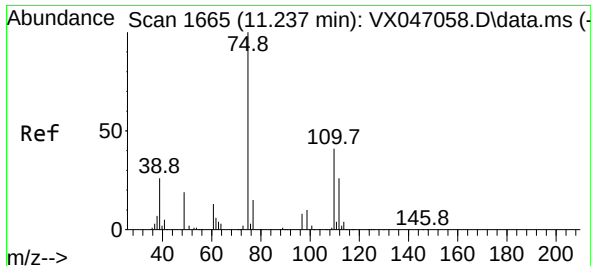
Tgt Ion:117 Resp: 950681
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion:152 Resp: 469816
Ion Ratio Lower Upper
152 100
115 63.1 45.6 136.7
150 158.4 0.0 354.6

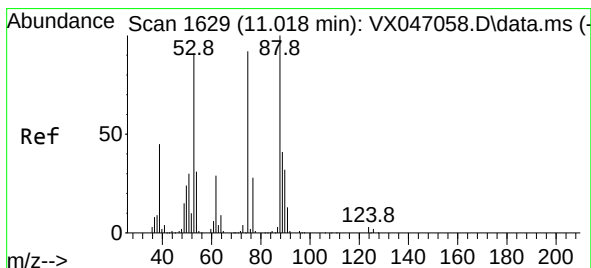
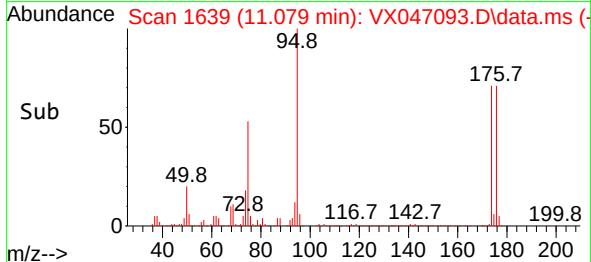
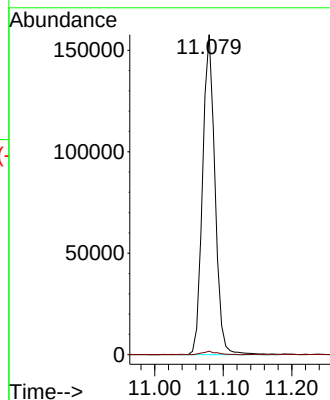
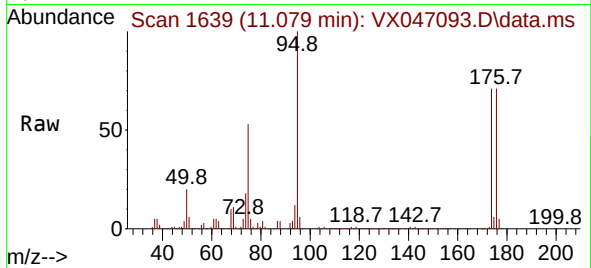




#76
1,2,3-Trichloropropane
Concen: 22.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Tgt Ion: 75 Resp: 199405
Ion Ratio Lower Upper
75 100
77 1.3 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047093.D
Acq: 23 Jul 2025 15:52

Tgt Ion: 75 Resp: 199405
Ion Ratio Lower Upper
75 100
53 0.1 84.2 126.4#
89 0.0 36.0 54.0#

